

Application No.: 10/600,524

Docket No.: 0941-0759P

REMARKS

The specification and claims 1, 4, 5, 11, 14, 15, 21, 24, 25, 26, 31, 35, 36, 41, 50, 59, 68, 77 and 86 have been amended. Reconsideration of the application, as amended, is respectfully requested.

The drawings stand objected to under 35 USC 1.83(a). The Examiner asserts that the "first gate having first and second ends overlapping the isolation region to stretch over the active region" is not shown in the drawings. The Examiner's attention is drawn to page 9, lines 7-8 of the attached substitute specification, which set forth that the "first gate 531 and fourth gate 532 have two ends overlapping the STI 52 to stretch over the active region 56...". It is clear that the first gate 531, the isolation region 52 and the active region 56 are shown in Fig. 5. It is therefore respectfully submitted that this feature is recited in independent claim 1 and shown in Figs. 5A and 5B.

Claims 1-93 stand rejected under 35 USC 112, second paragraph. This rejection is respectfully traversed.

With regard to the Examiner's objection to the term "gap," this term has been replaced by the term "discontinuity region". The discontinuity regions are in the drain region and blocked from ion implantation. The discontinuity region is not limited to the region under the gate or the region merely blocked by a mask during ion implantation. Although the Examiner has suggested using the term "channel," it is respectfully submitted that carriers are not induced in the discontinuity region, 541 for example to form a transistor action, and it would therefore not be suitable to use the term "channel".

It view of the foregoing amendments and remarks, it is respectfully submitted that the claims particularly point out and distinctly claim the subject matter of the instant invention. Reconsideration and withdrawal of the 35 USC 112, second paragraph rejection are therefore respectfully requested.

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Although the Examiner has not specifically indicated that any allowable subject matter is present, it is noted that the Examiner has not rejected any of the claims utilizing any of the prior art of record. It is therefore assumed that the Examiner believes all claims to contain allowable subject matter. In view of the foregoing amendments and remarks, it is respectfully submitted that all claims should be fully in condition for allowance. Reconsideration and withdrawal of all objections and rejections and allowance of the instant application are respectfully requested.

Favorable reconsideration and an early Notice of Allowance are earnestly solicited.

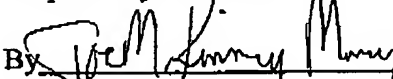
In the event that any outstanding matters remain in this application, the Examiner is invited to contact the undersigned at (703) 205-8000 in the Washington, D.C. area.

Pursuant to 37 C.F.R. §§ 1.17 and 1.136(a), the Applicants respectfully petition for a one (1) month extension of time for filing a response in connection with the present application and the required fee of \$120.00 is attached herewith.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Dated: July 22, 2005

Respectfully submitted,

By 

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